

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- **(a) Classification of the soils**

Christian County, Missouri
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Bardley-----	Very-fine, mixed, active, mesic Typic HapludalFs
*Bolivar-----	Fine-loamy, mixed, thermic Ultic HapludalFs
Captina-----	Fine-silty, siliceous, mesic Typic Fragiudults
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Creldon-----	Fine, mixed, active, mesic Oxyaquic FragiudalFs
Doniphan-----	Clayey, mixed, mesic Typic Paleudults
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Gatewood-----	Very-fine, mixed, active, mesic Oxyaquic HapludalFs
Goss-----	Clayey-skeletal, mixed, active, mesic Typic PaleudalFs
Huntington-----	Fine-silty, mixed, mesic Fluventic Hapludolls
Needley-----	Fine-silty, mixed, mesic Aquic Fragiudults
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic HapludalFs
Peridge-----	Fine-silty, mixed, mesic Typic PaleudalFs
Secesh-----	Fine-loamy, siliceous, mesic Ultic HapludalFs
Tonti-----	Fine-loamy, mixed, active, mesic Typic Fragiudults
*Wilderness-----	Loamy-skeletal, siliceous, mesic Oxyaquic FragiudalFs